DEPARTMENT OF CIVIL ENGINEERING
COURSE SYLLABUS

Course Details				
Code	**Academic Year**			**Semester**
BUP403	4			Fall
Title	**T**	**A**	**L**	**ECTS**
Professional Training	0	0	0	6

Language	German					
Level	**Undergraduate**	✓	**Graduate**		**Postgraduate**	
Department / Program	Civil Engineering					
Forms of Teaching and Learning	Formal					
Course Type	**Compulsory**	✓	**Elective**			
Objectives	This course aims to teach students the activities carried out in the office environment of civil engineering. It seeks to enable students to gain knowledge in areas such as project design, engineering calculations, material selection, and budget planning. Additionally, it aims to develop the skills necessary to create and analyze technical drawings for construction projects. The course also targets to equip students with the competence to effectively use software and tools utilized in office engineering. It aims to provide students with practical experience in planning and managing engineering projects.					
Content	This course includes the fundamental activities carried out in the office environment of civil engineering. It covers topics such as project design, engineering calculations, and material selection. Additionally, the course includes the processes of preparing and analyzing technical drawings for construction projects. Students will also engage with practical applications such as using engineering software, budget planning, and project management. The course addresses the challenges faced in office engineering and focuses on planning, coordination, and management of engineering projects.					
Prerequisites	None					
Coordinator	Asist Prof.Dr. Mehmet Adil Akgül					
Lecturer(s)	Asist Prof.Dr. Mehmet Adil Akgül					
Assistant(s)	None					
Work Placement	No					

Recommended or Required Reading	
Books / Lecture Notes	
Other Sources	Experiences in structure sites

Additional Course Material	
Documents	
Assignments	
Exams	

DEPARTMENT OF CIVIL ENGINEERING
COURSE SYLLABUS

Course Composition		
Mathematics und Basic Sciences		%
Engineering	70	%
Engineering Design	30	%
Social Sciences		%
Educational Sciences		%
Natural Sciences		%
Health Sciences		%
Expert Knowledge		%

Assessment		
Activity	**Count**	**Percentage (%)**
Midterm Exam		
Quiz		
Assignments		
Attendance		
Recitations		
Projects	1	100
Final Exam		
	Total	**100**

ECTS Points and Work Load			
Activity	**Count**	**Duration**	**Work Load (Hours)**
Lectures			
Self-Study			
Assignments			
Presentation / Seminar Preparation			
Midterm Exam			
Recitations	1	56	56
Laboratory			
Projects	1	56	56
Final Exam			
		Total Work Load	**112**
		ECTS Points(Total Work Load / Hour)	**6**

Learning Outcomes	
1	Gains the competence to carry out the design phases of construction projects and engineering calculations.
2	Acquires knowledge and skills in preparing and analyzing technical drawings.

DEPARTMENT OF CIVIL ENGINEERING
COURSE SYLLABUS

3	Effectively use engineering software.
4	Carries out office engineering practices such as project management, budget planning, and material selection.
5	Actively participate in the planning, coordination, and management processes of construction projects.

Weekly Content	
1	Students visit the office environment and actively participate in the design, calculation, and planning processes of construction projects.
2	Students visit the office environment and actively participate in the design, calculation, and planning processes of construction projects.
3	Students visit the office environment and actively participate in the design, calculation, and planning processes of construction projects.
4	Students visit the office environment and actively participate in the design, calculation, and planning processes of construction projects.
5	Students visit the office environment and actively participate in the design, calculation, and planning processes of construction projects.
6	Students visit the office environment and actively participate in the design, calculation, and planning processes of construction projects.
7	Students visit the office environment and actively participate in the design, calculation, and planning processes of construction projects.
8	Midterm Week
9	Students visit the office environment and actively participate in the design, calculation, and planning processes of construction projects.
10	Students visit the office environment and actively participate in the design, calculation, and planning processes of construction projects.
11	Students visit the office environment and actively participate in the design, calculation, and planning processes of construction projects.
12	Students visit the office environment and actively participate in the design, calculation, and planning processes of construction projects.
13	Students visit the office environment and actively participate in the design, calculation, and planning processes of construction projects.
14	Students visit the office environment and actively participate in the design, calculation, and planning processes of construction projects.
15	Students visit the office environment and actively participate in the design, calculation, and planning processes of construction projects.
16	Project Presentation

Contribution of Learning Outcomes to Program Objectives(1-5)

	P1	**P2**	**P3**	**P4**	**P5**	**P6**	**P7**
1	4	4	5		3		
2				4			
3	4						
4	4						
5		4					

Contribution Level	1: Low 2: Low-intermediate 3: Intermediate 4: High 5: Very High

Compiled by:	Asist Prof.Dr. Mehmet Adil Akgül

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